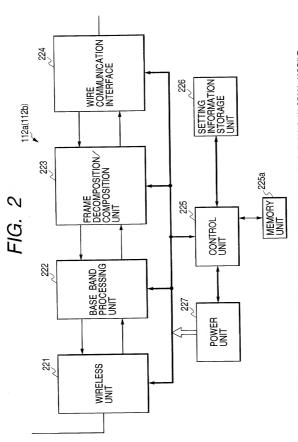
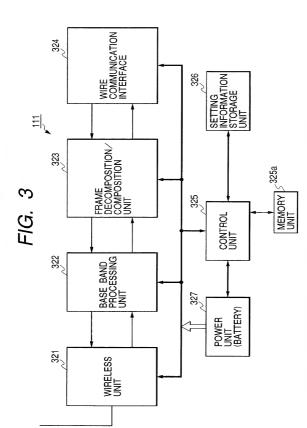


W-CDMA MOBILE COMMUNICATION SYSTEM CONFIGURATION OVER VIEW

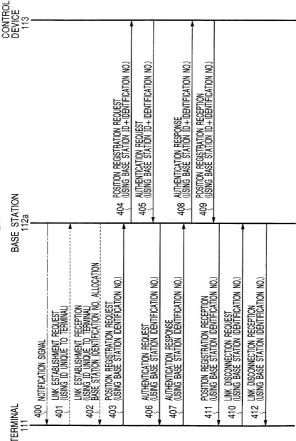


BLOCK DIAGRAM OF BASE STATION IN THE PRESENT INVENTION'S W-CDMA MOBILE COMMUNICATION SYSTEM



FUNCTION BLOCK DIAGRAM OF TERMINAL IN THE PRESENT INVENTION'S W-CDMA MOBILE COMMUNICATION SYSTEM

FIG. 4



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CONTROL DEVICE 113 POSITION REGISTRATION DELETION REQUEST (USING BASE STATION 10) + IDENTIFICATION NO. AND ADDING BASE STATION IDENTIFICATION NO. AND BASE STATION ID RECEIVED FROM TERMINAL AUTHENTICATION RESPONSE (USING BASE STATION ID+IDENTIFICATION NO.) 511 POSITION REGISTRATION RECEPTION
(USING BASE STATION ID+IDENTIFICATION NO.) Position registration request (Using base station 10+1Dentification NO.) AUTHENTICATION REQUEST (USING BASE STATION ID+IDENTIFICATION NO.) POSITION REGISTRATION DELETION REQUEST (USING BASE STATION ID+IDENTIFICATION NO.) DESTINATION BASE STATION 112a 505 909 207 209 515 ORIGIN-DESTINATION 17 BASE STATION 7112x LINK ESTABLISHMENT REQUEST (USING) ID UNIQUE TO TERMINAL ADDING BASE STATION IDENTIFICATION NO. AND ORIGINGLESTINATION BASE STATION ID STORED IN TERMINAL LINK REQUEST RECEPTION USING ID UNIQUE TO TERMINAL)

8ASE STATION IDENTIFICATION NO. ALLOCATION
POSITION REGISTRATION REQUEST
(USING BASE STATION IDENTIFICATION NO.) AUTHENTICATION REQUEST (USING BASE STATION IDENTIFICATION NO.) AUTHENTICATION RESPONSE (USING BASE STATION IDENTIFICATION NO.) POSITION REGISTRATION RECEPTION (USING BASE STATION IDENTIFICATION NO.) Link disconnection request (Using base station identification NO.) LINK DISCONNECTION RECEPTION (USING BASE STATION IDENTIFICATION NO.) FIG. 5 × × SOO NOTIFICATION SIGNAL 501 NOTIFICATION SIGNAL 503 205 504 510 512 513 FERMINAL 514

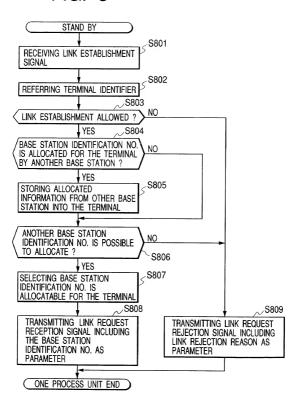
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MINAL BASE STATION 112a 113 113		
	TERMINAL BASE (11)	
9	601 LINK ESTABLISHMENT REQUEST (USING BASE STATION IDENTIFICATION NO.) 602 LINK REQUEST RECEPTION IDENTIFICATION NO.)	
	603 CALL SETTING (USING BASE STATION IDENTIFICATION NO.)	604 CALL SETTING 604 (USING BASE STATION ID+IDENTIFICATION NO.)
<u> </u>	606 CALL SETTING RECEPTION (USING BASE STATION IDENTIFICATION NO.)	605 CALL SETTING RECEPTION (USING BASE STATION ID+IDENTIFICATION NO.)
1 1	608 IDENTIFICATION REQUEST (USING BASE STATION IDENTIFICATION NO.)	(USING BASE STATION ID+IDENTIFICATION NO.)
V V	609 AUTHENTICATION RESPONSE (USING BASE STATION IDENTIFICATION NO.)	610 AUTHENTICATION RESPONSE (10 (USING BASE STATION ID+IDENTIFICATION NO.)
*	6,12 CALL OUT (USING BASE STATION IDENTIFICATION NO.)	611 CALL OUT (USING BASE STATION ID+IDENTIFICATION NO.) 613 RBT
COMMUNICATING	615 RESPONSE (USING BASE STATION IDENTIFICATION NO.)	614 RESPONSE (USING BASE STATION ID+IDENTIFICATION NO.)
		COMMUNICATING

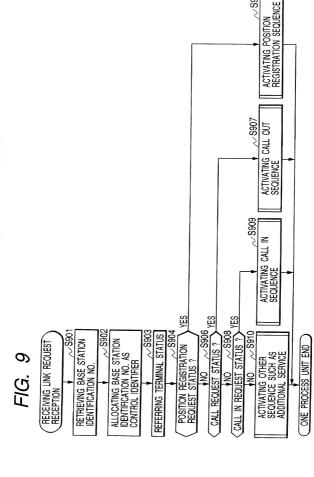
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TERMINAL BASE STATION	TATION
702 CALL IN HORIC DACE CTATION INDIVIDUALION INC.	4L SETTING SING BASE STATION ID+IDENTIFICATION NO.)
703 (UNK ESTABLISHMENT REQUEST 703 (USING BASE STATION IDENTIFICATION NO.)	
704 LINK REQUEST RECEPTION (ISING ID UNIQUE TO TERMINAL) A BASE STATION IDENTIFICATION NO. ALLOCATION	
706 (USING BASE STATION IDENTIFICATION NO.)	
707 CALL SETTING (USING BASE STATION IDENTIFICATION NO.)	
798 (USING BASE STATION IDENTIFICATION NO.)	709 CALL SETTING RECEPTION (USING BASE STATION ID+IDENTIFICATION NO.)
711 AUTHENTICATION REQUEST	710 AUTHENTICATION REQUEST (USING BASE STATION ID+IDENTIFICATION NO.)
712 AUTHENTICATION RESPONSE (USING BASE STATION IDENTIFICATION NO.)	713 AUTHENTICATION RESPONSE 713 (USING BASE STATION ID+IDENTIFICATION NO.)
7,14 CALL OUT (USING BASE STATION IDENTIFICATION NO.)	715 CALL OUT (USING BASE STATION ID+IDENTIFICATION NO.)
716 RESPONSE (ISING BASE STATION IDENTIFICATION NO.)	717 proposes around page extends to a inclumentation and
	C. HESPONSE (USING BASE STATION ID + IDENTIFICATION NO.)
	COMMUNICATING
_	

FIG. 8



>S905





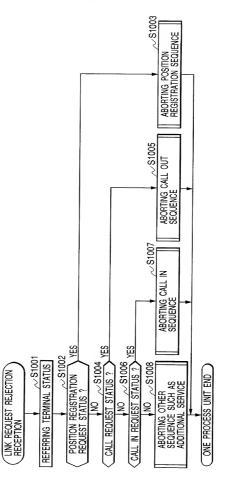
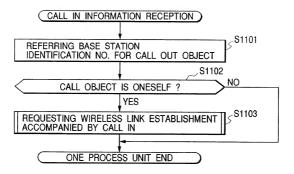


FIG. 11



12 / 12